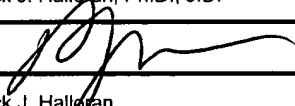


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM	Application Number	10/580,141
	Filing Date	11/22/2004
	First Named Inventor	Robert Brunham
	Art Unit	TBD
	Examiner Name	TBD
(to be used for all correspondence after initial filing)		
Total Number of Pages in This Submission	30	Attorney Docket Number APL-03-04-US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input checked="" type="checkbox"/> CD, Number of CD(s) <u>2</u> <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to and copy of Notice dated 02/02/2007 (3 pages); Declarations (6 pages); paper copy of sequence listing (20 pages)
Remarks The Commissioner is authorized to deduct the required \$130 fee from Deposit Account No. 500715 (Sanofi Pasteur, Ltd.).		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Patrick J. Halloran, Ph.D., J.D.	
Signature		
Printed name	Patrick J. Halloran	
Date	04/02/2007	Reg. No. 41,053

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature		
Typed or printed name		Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

* DUE 4/2/07

Page 1 of 2



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.	
10/580,141	Robert Brunham	APL0304US	
		INTERNATIONAL APPLICATION NO.	
		PCT/CA04/02004	
		I.A. FILING DATE	PRIORITY DATE
		11/22/2004	11/20/2003

Patrick J. Halloran, Ph.D.
3141 Muirfield Rd.
Center Valley, PA 18034

CONFIRMATION NO. 9254

371 FORMALITIES LETTER



OC000000022290337

Date Mailed: 02/02/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/19/2006
- Biochemical Sequence Listing filed on 05/19/2006
- U.S. Basic National Fees filed on 05/19/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and

BEST AVAILABLE COPY

a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/580,141	PCT/CA04/02004	APL0304US

FORM PCT/DO/EO/905 (371 Formalities Notice)

BEST AVAILABLE COPY

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. APL-03-04-US)

In The Application of:)
)
 Brunham, et al.)
)
 Serial No.: 10/580,141) **Examiner: TBD**
)
 Int. Filing Date: 11/22/2004) **Art Unit: TBD**
)
 For: Immunization Against Chlamydia Infection)

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
U.S. Express Mail No. EB080506371US

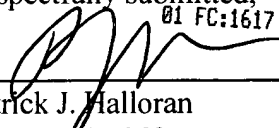
RESPONSE TO NOTICE TO COMPLY DATED FEBRUARY 2, 2007

Sir / Madam,

This is a response to the Notice to Comply dated Feb. 2, 2007. Attached herewith are: 1) Transmittal letter (1 page); 2) copy of Notice of Missing Requirements dated 02/02/2007 (2 pages); 3) paper copy of sequence listing (20 pages); 4) two CD-ROMs containing computer-readable sequence listing; 5) two declarations (6 total pages); and, 6) return postcard. The undersigned hereby authorizes the Commissioner to deduct the required \$130 fee from Deposit Account No. 500715. Applicants do not believe any petitions or additional fees are due with this response. If this is in error, Applicants hereby make such petition(s) and authorize the Commissioner to deduct any additionally required fees from Deposit Account No. 500715.

Please amend the instant specification by inserting the new sequence listing attached herewith. The Sequence Listing includes nucleotide and amino acid sequences that can be found in the application as originally filed. Accordingly, no new matter has been introduced into the application as a result of the present amendment. The undersigned representative hereby declares that the content of the paper and computer readable copies of the Sequence Listing, submitted in the above-identified application in accordance with 37 C.F.R. §§ 1.821(c) and (e), respectively, are identical in content. Each of the attached CD-ROMs (2) contain a text file of the sequence listing named "10-580141". Consideration and entry of this Statement and attachments is respectfully requested.

Date: April 2, 2007

Respectfully submitted, 04/04/2007 GFREY1 00000071 500715 10580141
01 FC:1617 130.00 DA


Patrick J. Malloran
Reg. No. 41,053